PATENT CLAIMS

1. Protection module for protecting objects against threats, in particular against hollow loads, characterized in that it is made from a material, or contains a material, which is formed as a three-dimensional metal grid structure or open-pored metal foam with a density of 5 to 40 ppi (pores per inch).

2. Protection module according to claim 1, characterized in that the density of the three-dimensional metal grid structure or of the open-pored metal foam is 10 to 20 ppi (pore per inch).

3. Protection module according to claim 1 or 2, characterized in that a filler material is introduced into the hollow spaces or pores of the three-dimensional metal grid structure or of the open-pored metal foam.

4. Protection module according to claim 3, characterized in that the filler material is a solid material.

5. Protection module according to claim 4, characterized in that the filler material is a ceramic material.

6. Protection module according to claim 4, characterized in that the filler material is a mineral material.

7. Protection material according to claim 3, characterized in that the filler material is a liquid material.

8. Protection module according to one of claims 1 through 7, characterized in that the material (1', 7, 9) formed as a three-dimensional metal grid structure or open-pored metal foam is introduced into a housing (2 through 5; 2' through 5').

9. Protection module according to claim 8, characterized in that the housing has attachment elements for attaching the protection module to an object.

10. Protection module according to one of claims 1 through 7, characterized in that the material formed as a three-dimensional metal grid structure or open-pored metal foam is introduced in at least one layer into a protection module formed as a sandwich plate.

11. Protection module according to claim 8 or 10, characterized in that intermediate air spaces are disposed in the protection module between layers made from the material formed as a

three-dimensional metal grid structure or open-pored metal foam.

12. Protection module according to one of claims 8 through 11, characterized in that the material formed as a three-dimensional metal grid structure or open-pored metal foam is coated with a coating material, in particular a metal, on at least one side.

13. Protection module according to claim 12, characterized in that the coating material comprises a different material than the material formed as a three-dimensional metal grid structure or open-pored metal foam.